

P/002/60/000/004/002/003
A221/A126

Wadeusz Urbański

compounds. In 1940 he escaped from occupied Poland to France and later to England, where for 6 years he worked at the Research Department of the Ministry of Supply as a senior- and later as principal research officer. In 1946, Professor Urbański returned to Poland and was appointed professor for Organic Chemical Technology at the Polytechnic in Warsaw. For a short time he was the director of the Instytut Przemysłu Chemicznego (Chemical Industry Institute). In 1948, he commenced research on new medicaments. In 1950, he was elected Correspondent Member of the Polish Academy of Sciences and in 1956 Full Member of this institution. He is also member of several scientific associations in Poland and abroad. In 1957, he was elected committee member of the Międzynarodowy Unia Chemii Czystej i Stosowanej (Pure and Applied Chemistry, International Union). He is member of Chemical Society and Comptond Science Academy in Halle/Saale. He is member of Chemical Society of the East German Leosociety of Chemical Industry, Faraday Society, American Chemical Society and Comptond Institute. In 1958, Doctor Urbański was appointed the Manager of the Zakład Syntezy Organicznej PAN (Organic Synthesis Department, Polish Academy of Sciences). He has 250 publications to his credit, among them the monography Teoria Nitrowania (The Theory of Nitration) and 3 vol of Chemia i Technologia Materjałów Wytuchowych (Chemistry and Technology of Explosives), published in 1955; English

Card 2/3

Wacław Urbański

F/002/60/000/004/002/003
A221/A126

edition of same is being prepared.

ASSOCIATION: Politechnika Warszawska, Katedra Technologii Chemicznej Organicznej II
(Department of Organic Chemical Technology II, Polytechnical Institute, Warsaw)

Card 3/3

URBANSKI, Tadeusz; ~~SERAFINOWA, Barbara~~; GUSTOWSKI, Włodzimierz;
VENULET, Jan; JAKIMOWSKA, Krystyna; JANOWIEC, Mieczysław

Anti-tuberculous properties of ethyl acetoacetate isonicotinoylhydrazone (T-428). Gruzlica 28 no.12:955-960 D '60.

1. Z Katedry Technologii Organicznej II Politechniki Warszawskiej
Kierownik: prof.dr T.Urbanski i z Zakładu Farmakologii Instytutu
Lekow, Kierownik: doc.dr J.Venulet.
(ISONIAZID rel cpds)

S/081/62/000/014/006/039
B166/B144

5. 24
AUTHORS: Serafinowa, Barbara, Szretter, Marta, Makosza, Mieczysław
TITLE: Aryl boron compounds. III. Complexes of aryl boric acids
with amines
PERIODICAL: Referativnyy zhurnal. Khimiya, no. 14, 1962, 84, abstract
14V41 (Roczn. chem., v. 35, nos. 2-3, 1961, 489-496)
TEXT: The interaction of m- and p-carbethoxy-phenyl boric and phenyl
boric acids with NH_3 , N_2H_4 and NH_2OH was studied. Crystalline complexes
which decompose in aqueous solutions to form esters of m- and p-carbethoxy
boric acids and the original amines were synthesized, whence it was
established that $\text{N} \rightarrow \text{B}$ coordination bonds are present in the resulting
compounds. See RZhKhim, 1962, 9Zh283 for communication II.
[Abstracter's note: Complete translation.]

Card 1/1

S/081/62/000/018/001/059
B101/B186

AUTHORS: Serafinowa, Barbara, Makosza, Mieczysław

TITLE: Aryl boron compounds. IV. Infrared spectra

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 18, 1962, 18, abstract 18B89 (Rocz. chem., v. 35, no. 4, 1961, 937 - 952 [Pol.; summaries in Russian and English])

TEXT: The infrared spectra of 26 ortho-, meta-, and para-substituted derivatives of phenyl boric acid and its anhydride in suspension with Nujol were studied in the range of 600 - 3600 cm^{-1} . The intense and distinctly marked $1350 \pm 20 \text{ cm}^{-1}$ band, associated with the stretching vibration of the B-O bond, is characteristic of all compounds. The possible formation of an intramolecular hydrogen bond $\text{B} \leftarrow \text{H}$ was studied. For Part III see RZhKhim, 1962, 14V41. [Abstracter's note: Complete translation.] ✓

Card 1/1

MAKOSZA, Mieczyslaw: SERAFINOWA, Barbara

Aryloboronic compounds. V. Reaction of alkyl borates with phosphorus pentachloride. Roczniki chemii 36 no.2:259-264 '62.

1. Department of Organic Technology II, Institute of Technology, Warsaw.

SERAFINOWA, Barbara; MAKOSZA, Mieczyslaw; JOSKIEWICZ, Alina

Arylboronic compounds. VII. Esters of p-carboxyphenyl-boronic acid. Roczniki chemii 36 no.3:531-534 '62.

1. Department of Organic Technology II, Institute of Technology, Warsaw.

SERAFINOWA, Barbara; MAKOSZA, Mieczyslaw; SZCZEREK, Ireneusz

Arylboronic compounds. VI. Roczniki chemii 36 no.5:889-894 '62.

1. Department of Organic Technology, Institute of Technology,
Warsaw.

SERAFINOWA, Barbara; DUDA, Halina; MAKOSZA, Mieczyslaw

Aryloboronic compounds, Pt. 10. Rocz chemii 37 no. 7/8:765-772
'63.

1. Katedra Technologii Organicznej II, Politechnika, Warszawa.

SERAFINOWA R. Z III Kliniki Chirurgicznej (Ortopedia). Znaczenie społeczne opieki ortopedycznej nad dzieckiem The social significance of orthopaedic care for children *Pediatrics Polska*, Warsaw 1949, 23/5-6 (532-549) Tables 2

The author discusses the subject of crippled children in Poland and compares his own material with that of the period before the war. There are approximately 250,000 crippled children in Poland: in 27% the condition is due to congenital deformities, in 20.1% to bone and joint tuberculosis, in 19.7% to flaccid and spastic paralysis, and 9.8% are casualties. The number of congenital deformities and cases of paralysis increased in the post-war period. There was a decrease in rachitic cases. The most frequent congenital deformity is dislocation of the hip - 11.8%; followed by club foot - 9.8%. The number of flaccid paralysis cases approaches 25,000, that of spastic cases 12,500, and of hip and joint tuberculosis 40,000. Rheumatic disorders amount to only 0.4%; they are, however, practically incurable.

Koszla - Warsaw

SO: Medical Microbiology and Hygiene
Section IV, Vol. 3, No. 7 - 12

SERAFINOWA, R.

Weight and general development in osteoarticular tuberculosis in children during the treatment with streptomycin. *Pediat. polska* 27 no.8:915-922 Aug 1952. (GLML 23:2)

1. Of the Orthopedic Clinic (Head--Prof. A. Gruca, M.D.) of Warsaw Medical Academy.

SERAFIN, Romualda

Observations on a case of syndrome of cortical hyperostosis in a child. Chir. narz. ruchu ortop. polska 19 no.3:265-272 1954.

1. Z III Kliniki Chirurgicznej (Ortopedia) Akademii Medycznej w Warszawie. Kierownik: prof. dr A.Gruca.

(BONES, diseases,
hyperostosis, inf. cortical)

SERAFIN, Romualda

Polycystic multiple osseous degeneration, report of a case. Chir.
narz. ruchu ortop. polska 19 no.4:345-354 1954.

1. Z Kliniki Ortopedycznej Akademii Medycznej w Warszawie. Kierownik:
prof. dr A.Gruca.
(OSTEITIS FIBROSA,
case reports)

SERAFIN, Romualda

Radiologic picture of the spine in osteochondrodystrophia deformans.
Polskie arch. med. wewnetrz. 24 no.5a:915-920 1954.

1. Z Kliniki Ortopedycznej Akademii Medycznej w Warszawie. Kierownik:
prof. dr med. A.Gruca.

(ECCENTRO-OSTEOCHONDRODYSPLASIA, pathology

spine, x-ray)

(SPINE, pathology,

in eccentro-osteochondrodysplasia, x-ray)

SERAFIN, Romualda

Mechanisms of kyphosis simulating tuberculosis. Postepy chir.
2:57-62 1955.

1. Z III kliniki Chirurgicznej AM w Warszawie. Kier. prof. dr.
A. Gruca.

(KYPHOSIS, differential diagnosis,
tuberc. (Pol))

(TUBERCULOSIS, SPINAL, differential diagnosis,
kyphosis (Pol))

SERAFIN, Romualda; MIGDALSKA, Zofia

Observations on histiocytic granuloma. Chir.narz. ruchu 20 no.3:
229-242 '55.

1. Z III Kliniki Chirurgicznej (Ortopedia) A M w Warszawie. Kierownik: prof. dr A. Gruca. Z I Kliniki Chorob Wewnętrznych A M w Warszawie. Kierownik: prof. dr A. Biernacki. Warszawa, ul. Nowogrodzka 49 III Klinika Chirurgiczna

(GRANULOMA,
histiocytic, in child)

SERAFIN, Romualda.

Localized chondroepiphysitis iuvenilis. Chir.narz.ruchu 20
no.4:323-330 1955.

1. Z Kliniki Ortopedycznej A.M. w Warszawie. Kierownik:
prof. dr. A.Gruca. Warszawa, ul. Nowogrodzka 59.
(OSTEOCHONDRIITIS
iuvenilis, diag. & ther.)

BLAIM, Alicja; SERAFINOWA, Romualda.

Hormonal therapy of Down's syndrome. *Pediat.polska* 30 no.11:
1017-1030 Nov. '55.

1. Z II Kliniki Chorob Dzieci A.M. w Warszawie. Kierownik:
prof. dr med. M. Michalowicz. Z-ca kierownik: prof.dr med.
T. Lewenfisz-Wojnarowska Warszawa, Litewska 16.

(MONGOLISM, therapy,
hormones)

(HORMONES, therapeutic use,
mongalism)

SERAFINOWA, Romualda

Early results of the treatment of mild dystonic scoliosis. Chir. narz.
ruchu 22 no.3:271-275 1957.

1. Z Kliniki Ortopedycznej A. M. w Warszawie. Kierownik: prof. A. Gruca.
(SCOLIOSIS, surg.
dystonic scoliosis, technic & early results (Pol))

SERASINOVA, ROMUALDA

KIEPUSKA, Alicja; SERAFINOVA, Romualda

Early results of the treatment of moderate scoliosis by multiple. Chir.
narz. ruchu 22 no.3:281-286 1957.

1. Z Kliniki Ortopedycznej A. M. w Warszawie. Kierownik: prof. A. Gruca.
(SCOLIOSIS, surg.
multiple operations in moderate dystonic scoliosis,
early results (Pol))

SERAFINOWA, Romualda; MALAWSKI, Stefan

Principles of therapy of active osteoarticular tuberculosis by
direct intervention on the focus. Chir.narz.ruchu 24 no.5:437-453
'59.

1. Z Kliniki Ortopedycznej A.M. w Warszawie. Kierownik: prof.dr.
A. Gruca.

(TUBERCULOSIS OSTEOARTICULAR surg.)

SERAFINOWA, Romualda; KIEPURSKA, Alicja

Results of surgical therapy of active tuberculosis of the spine
in children by means of direct approach to the focus. Chir.narz.
ruchu 25 no.2:107-115 '60.

1. Z Kliniki Ortopedycznej A.M. w Warszawie. Kierownik: prof.dr
A. Gruca.

(TUBERCULOSIS SPINAL in inf.& child.)

KIEPURSKA, Alicja; SERAFINOWA, Romualda

Results of direct interventions on fresh peri-articular tuberculous foci. Chir.narz.ruchu 25 no.2:137-144 '60.

1. Z Kliniki Ortopedycznej A.M. w Warszawie. Kierownik: prof.dr A. Gruca.

(TUBERCULOSIS OSTEOARTICULAR surg.)

SERAFINOWA, Romualda

Evaluation of remote results of extra-articular surgical therapy
in congenital subluxation of the hip. Chir.narz.ruchu ortop.polska
25 no.6:609-612 '60.

1. Z Kliniki Ortopedycznej A.M. w Warszawie, Kierownik: prof.
dr A.Gruca.
(HIP fract & disloc)

KASPRZAK, E.; SERAFINOWICZ, H.

Tuberculosis in calfs. Med.wet. 6 no.1:9-12 Ja '50. (CJML 19:2)

1. Of the Institute of Microbiology and Epizootology, Veterinary Department, University imeni Marie-Curie-Sklodowska in Lublin (Head --- Prof. Josef Parnas, M.D.).

STRASZAK, M. J.
KASPRZAK, E; PIENIAZEK, J; SERAFINOWICZ, H.

Tularemia; an occupational zoonotic disease. Med. vet.
6 no.6:345-349 June 1950. (CML 20:1)

1. Of the Institute of Epizootiology of the Veterinary
Department of the University imienia Marie Curie-Sklodowska
in Lublin and of the Research Center for Zoonotic Diseases in
Lublin (Head--Prof. Josef Parnas, M. D.).

GALIS, Anna; BUJALSKA, Halina; SERAFINSKA, Daniela

Bactericidal action of preserved blood with albucid and rivanol.
Med.dosw.mikrob.7 no.3:287-298 1955.

1. Z pracowni bakteriologicznej Instytutu Hematologii.

(SULFANAMIDES,

sulfacetamide in preserved blood, bactericidal eff.
of blood with sulfacetamide & rivanol)

(ACRIDINE DYES,

6,9-diamino-2-ethoxyacridine lactate in preserved
blood, with sulfacetamide, bactericidal eff. of blood)

(BLOOD BANKS,

preserved blood with rivanol & sulfacetamide, bacte-
ricidal eff.)

SERAFINSKA, Daniela; BUKOWSKA, Danuta, ZAK, Cecylia

Sensitivity to antibiotics and phage types of staphylococci
isolated from patients with burns. Pol. tyg. lek. 20 no.11:
389-390 15 Mr '65

1. Z Pracowni Mikrobiologii Instytutu Hematologii (Dyrektor:
prof. dr. med. Witold Rudowski) i z Pracowni Ziarenkowcow
Zakladu Bakteriologii Panstwowego Zakladu Higieny (Kierownik:
prof. dr. med. E. Wojciechowski).

SERAFINSKA, Daniela; mgr.; ZIETKIEWICZ, Witold.

Influence of the bacterial flora on the acceptance of skin
grafts in burns. Pol. tyg. lek. 20 no. 11:392-394 15 Mr '65

1. Z Pracowni Mikrobiologii Instytutu Hematologii (Kierownik:
mgr. D. Serafinska) i z Kliniki Chirurgicznej Instytutu Hemato-
logii (Kierownik: prof. dr. med. W. Rüdowski. [illegible])
prof. dr. med. W. Rüdowski. [illegible]

~~GALIS, Anna; SERAFINSKA, Daniela~~

Value of thioglycol culture medium in control of sterility of preserved blood and of blood products. Med. dosw. mikrob. 9 no. 4:425-432 1957.

1. Z Pracowni bakteriologicznej Instytutu Hematologii w Warszawie.

Dyrektor: doc. A. Trojanowski.

(BLOOD DERIVATIVES,

sterility test with thioglycol culture medium (Pol))

(BLOOD, PRESERVED,

same)

(CULTURE MEDIA,

thioglycol medium in sterility test of blood deriv. & preserved blood (Pol))

SIOMSKA-SCHMITT, Janina; BUDALSKA, Halina; BLRAFINSKA, Daniela; KOTELBA,
Ryszard; BARTZ, Janina

Studies on a modified RD medium used in sterility control of biolo-
gical preparations. Pol. dozw. mikrobiol. 16 no.2:155-159 '64.

1. Z Instytutu Hematologii w Warszawie (Dyrektor: doc. dr. A. Troja-
nowski) i z Wojew. Stacji Epidemiologii w Poznaniu (Dyrektor: dr. H.
Gerwélowa).

BRULOWSKA-CHAREMIOZ, Stefania: BRULOWSKA, Daniela

Study of microorganisms causing abscesses in the internal organs of severely burned patients. Pol. hyg. lek. 20 no.11:385-388 15 Mar'66.

1. Z Kliniki Chirurgicznej i Pracowni Mikrobiologii Instytutu Hematologii w Warszawie (Kierownik doc. dr. med. Andrzej Trojanowski) [deceased] i prof. dr. med. Witold Rudowski).

SERAFINSKA, J.

Serafinska, J. Fish leeches (*Piscicola geometra* L.) and their significance in fisheries. p. 20.

GOSPODARKA RYBNA

Vol. 7, no. 5, May 1955

Warszawa, Poland

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No,10 Oct.56

SERAFINSKA, JANINA.

SCIENCE

SERAFINSKA, JANINA. Z zycia pijawek. Warszawa, Panstwowe Wydawn. Naukowe, 1957.
144 p. (Biblioteczka przyrodnicza. Seria zoologiczna)
CU Not in DLC

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April 1959, Unclass.

SERAFINSKI, W.

Vipers, snakes, and adders. p. 11.
No. 6, June 1955. TURYSTA. Warszawa, Poland.

So: Eastern European Accession. Vol 5, no. 4, April 1956

SERAFINSKI, WLODZIMIERZ.

SCIENCE

SERAFINSKI, WLODZIMIERZ. Jeze. Warszawa, Panstwowe Wydawn. Naukowe, 1956. 126 p.
(Biblioteczka przyrodnicza. Seria zoologiczna)
CU Not in DLC

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4
April 1959, Unclass.

SERAFINSKI, Włodzimierz

Is knowledge of realities obligatory for writers? Problemy 19
no.3:204 '63.

SERAK, AL., inz.

Survey and development of copper production. Hat listy
18 no.11: 813-815 N'63.

LEJHANEC, G.; SERAK, L.; HYBASEK, P.

Contribution to the mechanism of allergic reactions. Cesk. dermat. 36
no.4:205-207 Je '61.

1. Dermatologická klinika University Palackého v Olomouci, přednosta
prof. MUDr. Gustav Lejhanec Polarografický ústav CSAV, Praha, reditel
akad. J. Heyrovský.

(ALLERGY diag) (SKIN metab)

SERAK, I.

Polarographic vessel and auxiliary electrode separated by cellophane
[in German with summary in Russian]. Sbor. Chekh. khim. rab. 18 no. 4: 439-
441 Ag '53. (MLRA 7:6)

1. Tsentral'nyy polyarograficheskiy institut, Praga.
(Polarograph and polarography)

SERAK, I.

"Polarographic vessel with reference electrode separated by a cellophane membrane."
Ceskoslovenska Morfologie, Praha, Vol 47, No 1, Jan 1953, p. 86.

SO: Eastern European Accessions List, Vol 3, no 11, Nov. 1954, L.C.

SERAK, L.

Cellophane as a separation membrane in a polarographic vessel with reference electrode. L. Serak (Polarograph. Zentralinst., Prague). Collection (Comm. Commun. 18, 439-41 (1954) (in German); cf. C.A. 44, 5130a. This polarographic vessel serves as a combination sample and reference cell. The lower reference cell is made up of 15-mm. tubing and consists of a bulb, 25 mm. in diam., which serves as a Hg-Hg₂Cl₂ pool. The upper portion of the lower cell is somewhat constricted and is sealed by way of a ring seal into a 70-mm. length of 30-mm. tubing in such a manner as to project 10 mm. into the upper sample cell. The length of the completed cell is 100 mm. Necessary side-arm tubes are provided to permit elec. connections to the bottom of the Hg pool, the addn. of KCl to the reference cell above the Hg-Hg₂Cl₂ layer, and an exit tube to the sample cell for cell flushing. The two cell compartments are sep'd. by means of a cellophane membrane, thicknesses of 0.05 and 0.025 mm. being used. The membrane does not influence the elec. cond. The membrane is not attacked by concd. ZnCl₂, Ca(SCN)₂, or Schweizer reagent. It is also resistant to H₂O-alc. solns. G. Dragt.

SERÁK, L.

7
②

The polarography of formaldehyde. L. Serák (Polaro-
graf. ústav CSAV, Prague, Czech.). Chem. Listy 48, 272-4
(1954).—On introducing gaseous CH_2O into the 0.1N LiOH
soln., a new diffusion-controlled wave was observed at about
 0° . In the presence of EtOH or D_2O , this wave was stable
up to 15° and 25° , resp. It was supposed that the wave
was due to the formation of compds. of the type $\text{H}(\text{CH}_2\text{O})_n$ -
OH. The wave was approx. 250 mv. more neg. than the
kinetic one hitherto known. E. Erdős

1-02-01R
SERAK, LUBENIR

CZECH

CH Polaregraphic reduction of the iron-triethanolamine com-
plex in presence of manganese. 181 Riha and Lubenir.
Serak. Collection Czechoslov. Chem. Commun. 20-611-8
(1955) (in German).—See C.A. 49, 5202h. E. J. C.

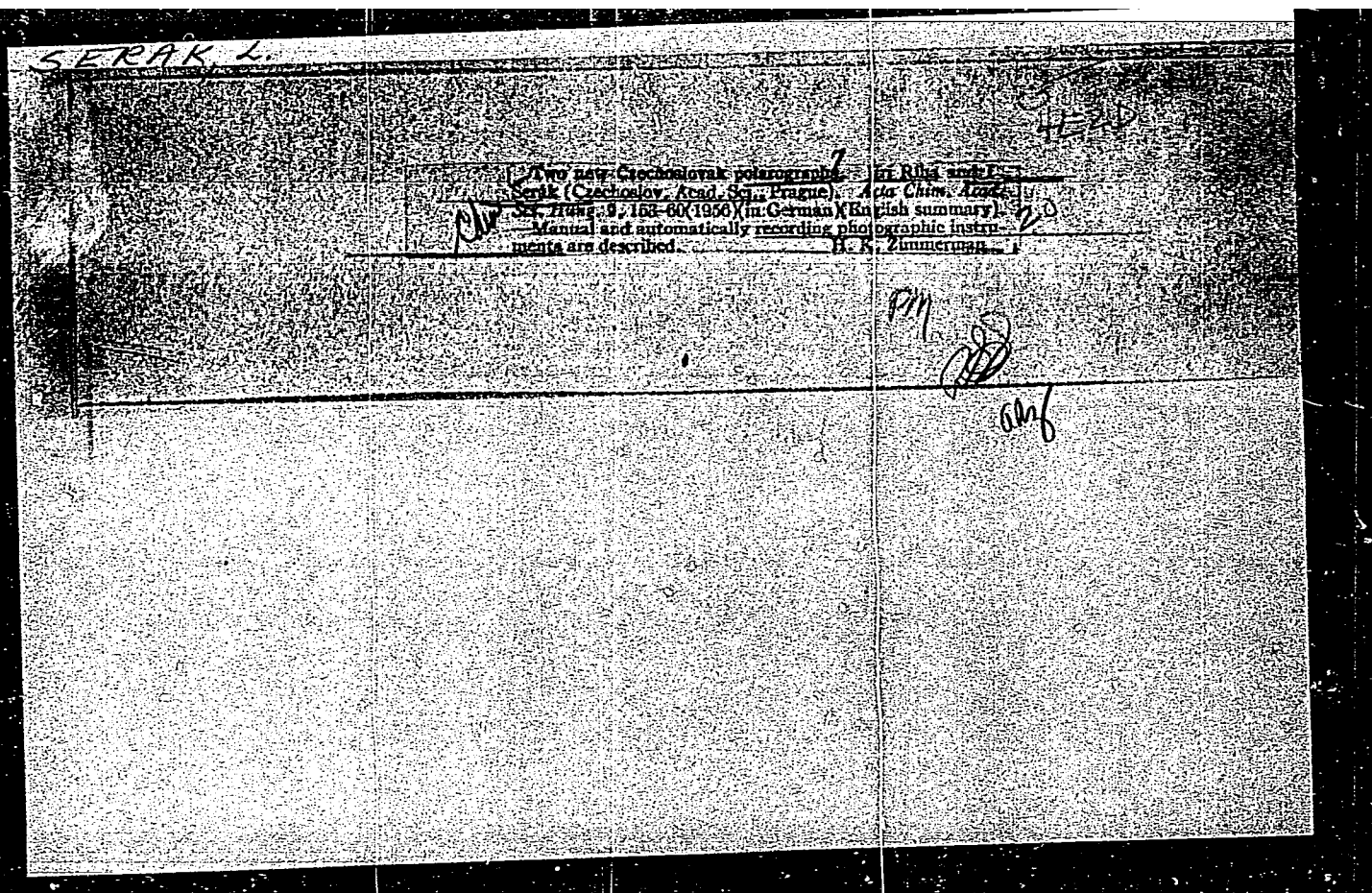
181 Riha
Lubenir

Lubomir Šerák, LUBAMIR

CZECH

✓ Polarographic reduction of the iron-triethanolamine complex in presence of manganese. Jiří Riha and Lubomir Šerák (Polarograf, Ústav ČSAV, Prague). Chem. Zpr. 49, 32-9 (1955).—The triethanolamine complex of Fe^{+++} in fresh solns. contg. Mn gives a polarographic time-decreasing wave, the height of which increases with increasing amt. of Mn. The detn. of Mn in these solns. is not disturbed. In the process of oxidation of Mn in strongly alk. solns. by dissolved air O_2 , H_2O_2 content rises, as was proved polarographically. Increase of the limiting current in these solns. is caused by the following oxidation of Fe^{++} complex, which, after the reduction at the cathode, is diffused away into the body of the soln. Solns. older than 4 hrs. show normal polarographical behavior because of the decomposition of H_2O_2 under the catalytic action of Mn^{+++} and alkyl. of the soln. In detg. Fe in presence of Mn in routine analyses, H_2O_2 may be bound by adding a 100-fold concn. of $CaCl_2$ over that of Mn. The solns. treated in this manner are not suitable for the detection of Mn. F. Štráfelda

met



SERAK, L.

346. Two new Czech polarographs. B. Petzelt and L. Serák (Lab. přístroje, n.p. and Polarograph. inst. Czech. Acad. Sci. Prague, Czechoslovakia). Coll. Czech. Chem. Commun. 1966, 21 (8), 783-785. Two new polarographs of conventional type, soon to be commercially available, are described. The first is a small portable instrument, the curves being drawn manually on translucent paper by following the galvanometer spot. The second is a photographic instrument designed to meet all the needs of polarographic analysis. It combines accuracy and reliability with simplicity of control. P. S. STROSS

SERAK, L

CL/8/52(82)/10-39/39

AUTHORS: None Given

TITLE: Book Reviews (Recense)

PERIODICAL: Chemické Listy, 1958. Nr 10, Vol 52(82), pp2022-2027
(Czechoslovakia)

ABSTRACT: The following books are reviewed:

P. W. Selwood: Magnetochemistry. 2nd Ed. Interscience
Publishers, Inc., New York - London, 1956.

Reviewed by M. Rákos.

J. Růna and L. Šarák: Fundamentals of Technical
Polarography. SNTL, Prague, 1957.

Reviewed by M. Spálenka.

K. Šandera: Conductometry. Nakladatelství, Czech Ac.Sc.,
Prague, 1957.

Reviewed by L. Matoušek.

V. Veselý: Liquid Fuels. SNTL, Prague, 1956.

Reviewed by Z. Kaniček.

H. Klare: Synthetic Polyamide Fibres. SNTL, Prague, 1957.
(Czech Translation)

Reviewed by M. Krájčí.

Card 1/1

4

SERAK, L.; HYBASEK, P.

Measurement of insensible perspiration by the psychometric method.
Cesk. dermat. 37 no.6:361-366 D '62.

1. Polarograficky ustav CSAV v Praze, reditel akad. J. Heyrovsky
Dermatologicka klinika lekarske fakulty Palackeho v Olomouci, prednosta
prof. dr. G. Lejhanec.
(PERSPIRATION)

LEJHANEC, G.; HYBASEK, P.; SERAK, L.

Effect of histamine, adrenalin, atropine and pilocarpine on
oxygen uptake by human epidermis in vivo. Cesk. dermat. 39
no. 2: 78-81 Ap'64

1. Laborator pro vyzkum fyziologie kuze lekarske fakulty PU
v. Olomouci (vedouci: prof. dr. G. Lejhanec) a Polarograficky
ustav CSAV Praha (reditel: akademik L. Heyrovsky).

*

SERANI, D.

2 cases of complications due to the use of Deltacorten. Bul.
univ. shtet. Tirane[Mjek] 4:88-94 '62.

(ARTHRITIS, RHEUMATOID)
(PREDNISONE TOXICOLOGY)

SERANOVA, A. I.

USSR/Human and Animal Morphology - (Normal and Pathological) Nervous System. S

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 31210

Author : Seranova A. I.

Inst : Not Given

Title : Normal Construction and Changes of the Nerve Elements of the Coronary Artery of Man During Atherosclerosis and Hypertension.

Orig Pub : Ezhegodnik, In-t eksperiment. med. Akad. med. nauk SSSR, 1955, L., 1956, 363-366

Abstract : The nervous apparatus of the coronary artery was examined in 28 persons age 56-87 who suffered from hypertension with expressed atherosclerosis. Nerve trunks represented predominately non medullated and few medullated fibers which communicate between themselves and form a broad-looped web in the periaortitic cellular tissue and a narrow-looped web of the outer and middle wall of the vessel. In the periaortitic cellular tissue there are not small ganglia and single nerve

Card : 1/2

Human and Animal Morphology (Normal and Pathological) Nervous System S

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 31210

APPROVED FOR RELEASE: 08/09/2001

CIA-RDP86-00513R001547930012-9"

cells with outgoing thin short dendrites, not going beyond the limits of the capsule. The receptors have either diffuse or dendritic construction, but, in the muscle layer, encapsulated receptors are found in the form of a "ball". In 6 cases changes of the nerve elements of coronary vessels were absent; in the remaining cases they were usually few and not clearly expressed. Changes are more often localized in the outer wall and are expressed in the argyrophilia, the inequality of the diameter, the varicose thickening, and now and again decay of the fibers; the medullated fibers are more often affected. Parallelism between the gravity of the atherosclerosis and the changes of the nerve apparatus is not noted. In the atherosclerotic end-plates, intact receptors can be possessed side by side with those sharply changed.

Card : 2/2

SERANOVA, A.I.

Experimental denervation of the liver. Dokl. AN SSSR 141 no.2:
464-466 N '61. (MIRA 14:11)

1. Institut eksperimental'noy meditsiny Akademii meditsinskikh
nauk SSSR. Predstavleno akademikom N.N.Anichkovym.
(LIVER--INNERVATION)

SERANOVA, A.I.

Endogenic hypercholinesterinemia and arterial hypertonia in rats exposed to a prolonged action of stimulants on the central nervous system. Dokl. AN SSSR 155 no. 4:985-987 Ap '64.
(MIRA 17:5)

1. Institut eksperimental'noy meditsiny AMN SSSR. Predstavleno akademikom N.N.Anichkovym.

SERANOVA, A.I.

Experimental hypercholesterinemia and atherosclerosis in rabbits
after castration. Dokl. AN SSSR 155 no.6:1472-1474 Ap '64.
(MIRA 17:4)

1. Institut eksperimental'noy meditsiny AMN SSSR. Predstavleno
akademikom N.N.Anichkovym.

KAHY, L.M.; KOVALENKOVA, M.V.; KORNEVA, Ye.A.; SERANOVA, A.Ye.

Further study of the hypothalamus area in the regulation of
the immunogenesis process. Zhur. mikrobiol., epid. i immun.
41 no.10:7-12 '64. (MIRA 18:5)

1. Institut eksperimental'noy meditsiny AMN SSSR, Leningrad.

L 2937-66 EWT(m)/EPF(c)/EWP(j)/T/ETC(m) WW/RM

ACCESSION NR: AP5024395

UR/0286/65/000/015/0079/0080

AUTHOR: Brodskiy, G. Sh.; Krol', M. L. S.; Krupkina, F. A.; Serapagina, O. A.

TITLE: Preparation of porous material. Class 39, No. 173401

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 15, 1965, 79-80

TOPIC TAGS: foam plastic, resin, polyethylene, phenolformaldehyde

ABSTRACT: An Author Certificate has been issued for a preparative method for a water- and heat-resistant foamed plastic based on a formulation involving a phenol-formaldehyde resin (nonmodified or modified by furfural-acetone resin) and polyethylene.

ASSOCIATION: Nauchno-issledovatel'skiy institut plastmass (Scientific Research Institute of Plastics)

SUBMITTED: 14Aug63

ENCL: 00

SUB CODE: MT

NO REF SOV: 000

OTHER: 000

ATD PRESS: 4108

Card 1/1

SERAPIN, G. K.

Serapin, G. K. - "Certain improvements in the automatic amplification control systems of receiving sets," Sbornik trudov Leningr. elektrotekhn. in-ta svyazi im. Bonch-Bruyevicha, Issue 5, 1949, p. 34-43

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

3(4)

AUTHOR:

Serapinas, B.B., Engineer

SOV/154-59-6-4/19

TITLE:

Conversion of Gaussian Coordinates in Changing From a Local Coordinate System to a National One

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Geodeziya i aerofotos"yemka, 1959, Nr 6, pp 35-43 (USSR) ✓

ABSTRACT:

As the points of a local survey must be linked to the coordinates of the national survey network (Refs. 5,6) it is necessary to convert the coordinates of local survey into coordinates of the national network and vice versa. A solution of this problem is given here, by making use of the exponential formulas by Krüger, as further developed by Professor V.K. Khristov (Ref 7). Formula (2) is derived for the conversion of the local network coordinates to such of the national network. When compiling tables for the coefficients occurring in this formula it is expedient to possess computed coefficients for every 15' of the latitude. In this case the coordinates can be converted independently after 2 points, thereby a safe control is secured. An example is given here concerning the conversion of local network coordinates into such of the national network. Formula (3) is derived for the

Card 1/3

Conversion of Gaussian Coordinates in Changing From
a Local Coordinate System to a National One

SOV/154-59-6-4/19

reverse case. The formulas for the coefficients k_1 occurring in formulas (2) and (3) are rather complicated. They were derived by V.K. Khristov (Ref 7). The coefficients are more closely investigated, in order to illustrate the principle of the tables offered here. In one of the variants shown for such tables, these coefficients can be computed simply and quickly, and the coordinates can be converted after formulas (2) or (3) with a maximum error of 2 mm. Such tables are compiled by the author. Next, the conversion of the Gaussian coordinates is investigated for the case in which the local triangulation exhibits an autonomous orientation, and formula (5) is derived for the reorientation of the local triangulation. Finally, the conversion of the Gaussian coordinates in the transition from the local network to the national network is investigated for the case in which the local triangulation exhibits an autonomous orientation. Formula (7) is written down for the conversion of coordinates of points of an independently oriented local survey triangulation into the coordinates of the national network. There are 1 figure, 3 tables, and 7 Soviet references.

Card 2/3

SERAPINAS, B., student V kursa

From investigations in the surveying practice. Trudy MIIGAIX no.41:
51-56 '60. (MIRA 13:11)

1. Geodezicheskiy fakul'tet Moskovskogo instituta inzhenerov geodezii,
aerofotos"yemki i kartografii.
(Triangulation)

SERAPINAS, B.B., aspirant

~~Trial-and-error~~ solution of the phase-probing problem.

Izv. vys. ucheb. zav.; geod. i aerof. no.4:117-127 '63.
(MIRA 17:9)

1. Moskovskiy institut inzhenerov geodezii, aerofos"yemki i
kartografii.

SERAPINAS, B.B., aspirant

Dimensions of the operating zones of radiogeodetic systems. Izv.vys.
ucheb.zav.; geod. i aerof. no.1:101-114 '64. (MIRA 17:12)

1. Moskovskiy institut inzhenerov geodezii, aerofotos"yemki i
kartografii.

SERAPINAS, B.B.

Comparing radiogeodetic systems on the basis of their geometric
properties. Geod. i kart. no.12:35-38 D '64.

(MIRA 18:2)

SERAPINAS, I.L., Cand Med Sci -- (diss) "Differences
in blood supply of the stomach." Vil'nyus, 1958, 21 pp
(Min of Higher Education USSR. Vil'nyus State Univ im
V. Kapsukas) 100 copies (KL, 32-58, 112)

- 81 -

SERAPINAS, I.L. (Vil'nyus, ul. Totoryu, d.20, kv.28)

Variations in vascularization of the stomach under normal conditions and in peptic ulcer [with summary in English, p.157-158]. Vest.khir. 80 no.1:50-61 Ja '58. (MIRA 11:4)

1. Iz kafedry obshchey khirurgii i topograficheskoy anatomii s operativnoy khirurgiyei (zav. - kand.med.nauk A.M.Martsinkevichus) meditsinskogo fakul'teta Vil'nyusskogo universiteta im. V.Kapsukasa i kafedry operativnoy khirurgii (nach. - prof. A.N.Maksimenkov) Voenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.

(PEPTIC ULCER, pathol.

vascularization of stomach in peptic ulcer, comparison with normal subjects (Rus))

(STOMACH, blood supply

vascularization, comparison with stomach in peptic ulcer (Rus))

SERAPINAS, I.L. (Vil'nyus)

Sequelae of experimental ligation of the arteries and veins of
the stomach. Eksp.khir. 4 no.3:34-37 My-Je '59. (MIRA 12:8)

(STOMACH, blood supply
arteries & veins, results of ligation in
dogs (Rus))

SERAPIONOV, P.I., podpolkovnik, voyenny letchik pervogo klassa

Do we evaluate a flight correctly? Vest.Vozd.Fl. no.6:38-39
Je '61. (MIRA 14:8)

(Flight training)

SERAPIN, I. I., podpolkovnik, voyenny letchik 1-go klassa

Methodology of training instructor-pilots in combat units.
Mor. sbor. 47 no.8:56-61 Ag '64. (MIRA 18:7)

✓ The validity of Peyrone's and Jørgensen's rule for complex cupric compounds. I. J. Gažo, K. Serátorová, and M. Serátor (Slovenská vysoká škola tech., Bratislava, Czechoslovakia). *Chem. zvesti* 13, 3-15 (1959) (German summary).
 The validity of Peyrone's (*Ann.* 51, 1 (1844)) and Jørgensen's (*J. prakt. Chem.* 33, 420 (1886)) rule was studied in complex Cu(II) compds. Following this rule, α - and β -CuBr₂(NH₃)₂ (I) and α - and β -CuCl₂(NH₃)₂ (II) were prepd. in cryst. form by replacement of halogen with NH₃ in complex anions [CuX₄]²⁻ (marked as α). Compds. were also prepd. with NH₃ in the inner coordination sphere of the Cu(II) cation (marked as β). The properties of I depend upon whether it was prepd. according to Peyrone's or Jørgensen's scheme. Crystals of I derived from aq. solns. of NH₄Br have properties of β -CuBr₂(NH₃)₂; the NH₃ mols. are in the trans position. Cryst. *trans*-I on standing under an aq. soln. of NH₄Br changes to α -I. II exists in 2 forms, and the crystal structure of II is different from that of the α - or β -form.
 Jan Mělník

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 11/10
 2-11/10

monthly List of European Accessions
 (EEA) Lc Vol. 8 No. 7 July 1979

Serator, Miloš Miroslav

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L 20835-66 EWP(j)/T RM
ACCESSION NR: AP5024271

CZ/0043/64/000/008/0572/0583

AUTHOR: Hanic, F. (Ganits, F.) (Docent, Doctor, Engineer, Candidate of sciences) (Bratislava); Serator, M. (Engineer, Candidate of sciences) (Bratislava)

TITLE: Condensation of the keto-form and enol-form of acetone in the reaction with copper (II) ions and ammonia

SOURCE: Chemicke zvesti, no. 8, 1964, 572-583

TOPIC TAGS: condensation reaction, acetone, organic nitrogen compound, coordination chemistry, ammonia, copper compound, nitrate, chelate compound, organocopper compound

ABSTRACT: Cupric nitrate and NH₃ in acetone solution form a chelate compound Cu(II)-bis(2-imine-4-amine methylpentane)nitrate. The complex structure was explained by X-ray analysis. The crystals have a violet color, Cu atom is square planar coordinated by 4 amine and imine groups. 2 nitrate groups complete the octahedral coordination of the Cu atom. The bonds have different lengths. Complex ions are connected by hydrogen bonds. NO₃ groups also participate in these bonds. The violet color is caused by Cu(2) coordinated by 4 peptide N atoms. The chelate bonds cause the relative stability against hydrolysis.

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L 20835-66

ACCESSION NR: AP5024271

Orig. art. has: 4 formulas, 3 tables, 2 graphs, 4 figures.

ASSOCIATION: Ustav anorganickéj chemie Slovenskej akademie vied, Bratislava
(Institute of Inorganic Chemistry, Slovak Academy of Sciences); Katedra anorganickéj
chemie Slovenskej vysokej školy technickej, Bratislava (Department of Inorganic
Chemistry, Slovak Technical University)

SUBMITTED: 13Apr65

ENCL: 00

SUB CODE: OC, GC

NR REF SOV: 001

OTHER: 023

JPRS

Card 2/2 vmb

SERATOROVA, K.; GAZO, J.; SERATOR, M.

Validity of Peyron's and Jorgensen's rule for complex conper compounds, I. p. 3

CHEMICKE ZVESTI. (Slovemska akademia vied a Spolok chemikov na Slovensku)
Bratislava, Czechoslovakia, Vol. 13, no. 1, 1959.

Monthly List of East European Accessions, (EEAI) LC, Vol. 8, No. 7, July 1959.
Uncl.

Reel # 495
Seratorova, K.

END